

## CERTIFICATE OF MAILING

37 § C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria VA, 22313-1450, on the date below.

December 29, 2004

Date

Rebecca R. Ginn

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John Harper

§

Group Art Unit: UNKNOWN

§

§

Serial No.: 10/10/826,773

§

§

Examiner: UNKNOWN

Filed: April 16, 2004

§

Examiner phone: UNKNOWN

§

For: **Methods for Dynamically Combining  
GPU Fragment Programs**

§

Atty. Dkt. No.: P3357US1 (119-0042US)

§

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450.

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. In accordance with this Office's waiver of the provision of 37 CFR 1.98 (a)(2)(i) for submitting copies of U.S. patents for patent applications filed after June 30, 2003 (see 1276 O.G. 55), no copies of the US patent references are included. Copies will however be submitted upon request.

In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b), or that such information constitutes prior art.

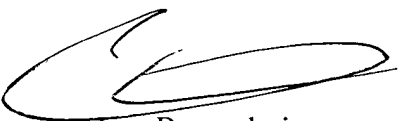
The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed

in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement. However, the Commissioner is authorized to deduct any necessary fees from Deposit Account No. 501922, referencing matter no. 119-0042US.

Applicant respectfully requests that the listed documents be considered and made of record in the present case, and that the Examiner initial the appropriate spaces on the Form 1449 to evidence the same

Respectfully submitted,

12/29/04  
\_\_\_\_\_  
Date

  
Lou Brucculeri  
Registration No. 38,834

**Customer No. 29855**  
Wong, Cabello, Lutsch,  
Rutherford & Brucculeri, LLP  
20333 State Highway 249, Suite 600  
Houston, Texas 77070  
Direct: 832/446-2415  
Fax: 832/446-2424

Form PTO-1449 (modified)	Atty. Docket No.: <b>119-0042US</b>	Serial No. <b>10/826,773</b>
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	Applicant  <b>John Harper</b>	
	Title: <b>System For Reducing The Number of Programs Necessary to Render an Image</b>	
	Filing Date: <b>April 16, 2004</b>	Group: <b>UNKNOWN</b>
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Page 3</i>

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	6,580,430	06/17/2003	Hollis, et al.	345/	473	
	A2	5,949,409	09/07/1999	Tanaka, et al.	345	549	
	A3	6,211,890	04/03/2001	Ohba	345	506	
	A4	6,707,462	03/16/2004	Peercy, et al.	345/	619	
	A5	5,388,201	02/07/1995	Hourvitz, et al.	345	794	
	A6	6,489,963	12/03/2003	Parikh, et al.	345	522	
	A7	6,577,317	06/10/2003	Duluk, Jr., et al.	345	506	
	A8	6,466,218	10/15/2002	Parikh, et al.	345	522	
	A9	6,031,937	02/29/2000	Graffagnino	382	236	
	A10	2002/0093516A1	07/18/2002	Brunner, et al.	345	629	
	A11	6,166,748	12/26/2000	Van Hook, et al.	345	522	
	A12	2003/0123739A1	09/05/2002	Graffagnino	382	236	
	A13	6,526,174	02/25/2003	Graffagnino	382	236	
	A14	5,933,148	08/03/1999	Oka, et al.	345	427	
	A15	6,614,444	09/02/2003	Duluk, Jr., et al.	345	581	
	A16	6,664,958	12/16/2003	Leather, et al.	345	422	
	A17	6,452,600	09/17/2002	Parikh, et al.	345	522	
	A18	6,697,074	02/24/2004	Parikh, et al.	345	522	
	A19	6,571,328	05/27/2003	Liao, et al.	712	35	
	A20	6,246,418	06/12/2001	Oka	345	441	
	A21	6,369,823	04/09/2002	Ohba	345	506	
	A22	6,456,290	09/24/2002	Parikh, et al	345	522	

**EXAMINER:****DATE CONSIDERED:**

EXAMINER: INITIAL IF REFERENCE CONSIDERED WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

*INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)*

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List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	Applicant  <b>John Harper</b>	
	Title: <b>System For Reducing The Number of Programs Necessary to Render an Image</b>	
	Filing Date: <b>April 16, 2004</b>	Group: <b>UNKNOWN</b>
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Page 3</i>

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A23	6,664,962	12/16/2003	Komsthoeft, et al	345	426	
	A24	6,369,830	04/09/2002	Brunner, et al.	345	629	
	A25	6,639,595	10/28/2003	Drebin, et al.	345	426	
	A26	6,411,301	06/25/2002	Parikh, et al.	345	522	
	A27	5,793,376	08/11/1998	Tanaka, et al.	345	582	
	A28	6,636,214	10/21/2003	Leather, et al.	345	422	
	A29	6,421,058	07/16/2002	Parikh, et al	345	522	
	A30	2002/0174181A1	11/21/2002	Wei	709	204	
	A31	6,618,048	09/09/2003	Leather	345	422	
	A32	6,609,977	08/26/2003	Shimizu, et al.	463	36	
	A33	6,424,348	07/23/2002	Parikh	345	522	
	A34	6,075,543	06/13/2000	Akeley	345	539	
	A35	6,674,438	01/06/2004	Yamamoto, et al.	345	501	
	A36						
	A37						

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	WO 98/45815	10/15/1998	WIPO	G06T	15/70	Yes
	B2	WO 2004-027707A2	04/01/2004	WIPO	G06T	1/00	Yes (Abstract Only)
	B3	EP 0 972 273 B1	24.03.2004	EPO	G06T 15	70	yes
	B4						

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### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B5						

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	nVIDIA, "Cg – Teaching Cg" Power Point Presentation, Author and date unknown.
	C2	Shantzis, "A Model for Efficient and Flexible Image Computing" Computer Graphics Proceedings, Annual Conference Series, 1994, pp. 147 – 154.
	C3	Akeley, et al., "Real-Time Graphics Architecture" <a href="http://www.graphics.stanford.edu/courses/cs448a-01-fall">http://www.graphics.stanford.edu/courses/cs448a-01-fall</a> , The OpenGL® Graphics System – CS448 Lecture 15, Fall 2001, pp. 1 – 20.
	C4	Gelder, et al., "Direct Volume Rendering with Shading via Three-Dimensional Textures" Computer Science Dept., Univ. of California, Santa Cruz, CA 95064.
	C5	Elliott, "Programming Graphics Processors Functionally,"
	C6	Segal, et al., "The OpenGL® Graphics System: A Specification (Version 1.5)" Copyright © 1992-2003 Silicon Graphics, Inc., October 30, 2003
	C7	

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